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SEA SYSTEMS CONTROLLERATE INTERNAL MINUTE SHEET

file
131/1/13

Originator	Reference	Section	Location
P. H. BRISCOE	D/SSC/NA112/850/6/1	NA112	Ff 13
Subject	Tel Ext	Date	
UNDERWATER STORAGE OF DECOMMISSIONED NUCLEAR SUBMARINES	3207	16 March 1989	

To:
SM 505

Reference: D/SSC/SM 505/867/7/22 dated 24 February 1989

Copy to:

Subs II (Mr. Jordan)
 SMS II (Mr. Pearson)
 PMS (H) (Mr. Morton)
 SM 611 (Mr. Evans)

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As requested the following comments on the draft Feasibility Study Report on Underwater Storage are forwarded from CMA.

General

As far as feasibility is concerned the design point is '100 years'. It is understood that the maximum storage time is now considered to be 60 years. Nevertheless our experience of the possible material state of a submarine left submerged for so long must be virtually non-existent. The feasibility of underwater storage will depend on the outcome of more detailed assessment of the material technology factors, and this should be recognized in the report and list of additional work items. Areas which need to be addressed are

- Hull preservation, external and internal
- Scale of anodic protection
- Unaltered integrity of Reaction Compartment / Bulkhead penetrations.
- Antiqueness of primary circuit sealing arrangements.
- Security of lifting lugs
- Operability of Solvage connections/valves.

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CS(RepS)PP2/CS(RepS)Td/862/83

65/4/15/NA112(10)

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